



HIGHWAY PROJECT INFORMATION

April 17, 2013



STP-32-5(107) *EAST JCT. N-45 TO MADISON*; CN 31829

LOCATION: This proposed project is located on Nebraska Highway 32 (N-32) west of Madison in Madison County. The proposed plan would begin at the east junction with Nebraska Highway 45 (N-45) at Mile Marker 18.30, and extend 16.19 miles east along N-32 to the Nebraska Central Railroad crossing in Madison at M.M. 34.49.

PURPOSE AND NEED: The purpose of this project is to preserve the N-32 transportation asset, improve the reliability of the transportation system, and perpetuate the mobility of the traveling public. The need for this project is based on pavement distresses significant enough to warrant rehabilitation. The existing asphalt is at or beyond the end of its anticipated service life.

SCOPE OF WORK: This project is primarily designed for the resurfacing, restoration and rehabilitation (3R) of N-32. West of Union Creek, the existing pavement would be cold-milled (a process of grinding off the top of the roadway surface) and repaved with asphalt. There would be no grade raise. The Union Creek Bridge would have the deck repaired, a waterproof membrane placed, and overlaid with asphalt. East of Union Creek, the existing pavement would be removed and replaced with asphalt. There would be a grade raise of two inches. There would be no grading outside of the shoulder construction. One culvert would be lengthened. Minor repairs and modifications to box culverts would also be included along the project as needed.

TRAFFIC VOLUMES:

Nebraska Highway 32 (N-32)

Year	2014	2024
Vehicles Per Day (ADT)	895	930
% Heavy Trucks	13%	13%

ESTIMATED CONSTRUCTION SCHEDULE: Construction is tentatively scheduled to begin as early as Spring of 2014 and could be completed as early as Fall of the same year (approximately six months). This construction is planned for relatively the same season as NDOR Project **STP-32-5(108) IN MADISON & EAST; C.N. 31950**.

PROPOSED ACCOMMODATION OF TRAFFIC: The proposed project would be constructed under traffic (without detouring N-32 traffic). Temporary lane closures would be necessary with appropriate traffic control measures.

RIGHT-OF-WAY: No new permanent property rights would be required for right-of-way (ROW). Temporary easements would be required at three locations.

POTENTIAL IMPACTS: Culvert repair would require minor temporary wetland impacts. No floodplain impacts are anticipated.

ESTIMATED COST: The estimated cost is approximately \$6.9 million.

STP-32-5(107)

EAST JCT. N-45 TO MADISON

C.N. 31829

R.P. 18.30 HWY. N-32

STA. 9+00.00

BEGIN PROJECT

R 4 W

R 3 W

R 2 W

EQUA: STA. 596+33.50 BK.=

STA. 1025+70.60 AH.



R.P. 34.49 HWY. N-32

STA. 1404+93.00

END PROJECT

PRELIMINARY PLAN
NOT FINAL - SUBJECT TO CHANGE



U.S. Department of Transportation
Federal Highway Administration



Send comments to:

NDOR Public Involvement

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